

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/110545 A1

(51) International Patent Classification⁷: A61M 35/00

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/GB2004/002527

(22) International Filing Date: 11 June 2004 (11.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/460,682 13 June 2003 (13.06.2003) US

(71) Applicant (for all designated States except US): MED-LOGIC GLOBAL LIMITED [GB/GB]; Western Wood Way, Langage Science Park, Plympton, Plymouth, Devon PL7 5BG (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): STENTON, Richard, J. [GB/GB]; 5 Sampford Gardens, Greenwells, Horrabridge, Devon PL20 7QZ (GB).

(74) Agent: ATKINSON, Peter, Birch; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

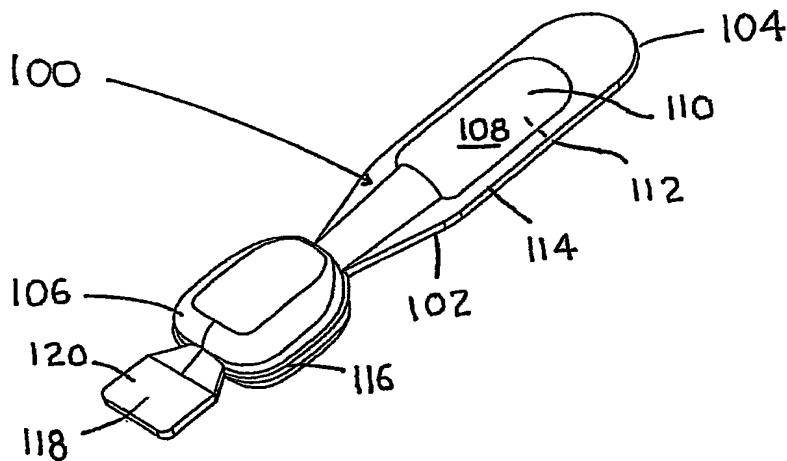
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVED DISPOSABLE APPLICATOR FOR TOPICAL COMPOSITION



(57) Abstract: An applicator has a reservoir adapted to contain a fluid and a pad in fluid communication with the reservoir. A tab serves to seal the fluid reservoir at a breakable connection, with breaking of the breakable connection allowing passage of fluid from the reservoir into the pad. The tab may be removable, or it may be embedded in the tab. Fluids with which use of the applicator is contemplated include sterilizable fluids for therapeutic applications to tissue, including topical liquids such as tissue adhesives for surgical applications, coatings and sealants. One candidate fluid is a cyanoacrylate prepolymer.